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(54) Title: GENETICALLY MODIFIED NON-HUMAN MAMMALS AND CELLS

(57) Abstract: A genetically modified non-human mammal or cell characterised in that it does not comprise a nucleic acid sequence which itself encodes any endogenous immunoglobulin heavy chain constant region locus polypeptide.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12P21/08 C12N5/16 C12N15/85 C12N15/13 A01K67/027
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, BIOSIS, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/54348 A (BRUGGEMANN MARIANNE ; BABRAHAM INST (GB)) 3 December 1998 (1998-12-03)	1-6, 11, 16-22, 29-33, 39-47, 57-70
Y	the whole document, in particular Example 1 and claim 7	7-10, 12-15, 23-28, 34-38, 48-56

☒ Further documents are listed in the continuation of box C.

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International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ZOU YONG-RUI ET AL: "Cre-loxP-mediated gene replacement: A mouse strain producing humanized antibodies" CURRENT BIOLOGY, vol. 4, no. 12, 1994, pages 1099-1103, XP009034794 ISSN: 0960-9822 cited in the application the whole document</p>	<p>7-10, 12-15, 23-28, 34-38, 48-56</p>
A	<p>WO 90/04036 A (AGRICULTURAL & FOOD RES ; BRUGGEMANN MARIANNE (GB); MEDICAL RES COUNCI) 19 April 1990 (1990-04-19) cited in the application</p>	
A	<p>METZGER D ET AL: "CONDITIONAL SITE-SPECIFIC RECOMBINATION IN MAMMALIAN CELLS USING A LIGAND-DEPENDENT CHIMERIC CRE RECOMBINASE" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 92, no. 15, 18 July 1995 (1995-07-18), pages 6991-6995, XP000615550 ISSN: 0027-8424</p>	
A	<p>JAKOBOVITS A ET AL: "ANALYSIS OF HOMOZYGOUS MUTANT CHIMERIC MICE: DELETION OF THE IMMUNOGLOBULIN HEAVY-CHAIN JOINING REGION BLOCKS B-CELL DEVELOPMENTAND ANTIBODY PRODUCTION" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 90, no. 6, 1 March 1993 (1993-03-01), pages 2551-2555, XP000673147 ISSN: 0027-8424 cited in the application</p>	
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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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P,X	RONAI D ET AL: "Use of a simple, general targeting vector for replacing the DNA of the heavy chain constant region in mouse hybridoma cells" JOURNAL OF IMMUNOLOGICAL METHODS 01 APR 2003 NETHERLANDS, vol. 275, no. 1-2, 1 April 2003 (2003-04-01), pages 191-202, XP004416768 ISSN: 0022-1759	1-6,11, 16-22, 29-33, 39-47, 57-70
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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